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Aug 18, 1992

PUB-NO: JP404228415A

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TITLE: METHOD FOR CONVERTING SILICA PRECURSOR INTO SILICA AT LOW TEMPERATURE BY USING

AMINE CATALYST

PUBN-DATE: August 18, 1992

INVENTOR-INFORMATION:

NAME

COUNTRY

BANEY, RONALD HOWARD BILGRIEN, CARL J BRODERICK, DENNIS W

CARPENTER, LESLIE EARL

ASSIGNEE-INFORMATION:

NAME

COUNTRY

DOW CORNING CORP

APPL-NO: JP03130982 APPL-DATE: June 3, 1991

INT-CL (IPC): C01B 33/12; B01J 6/00; C04B 41/50; C09D 183/02; C09D 183/04

ABSTRACT:

PURPOSE: To provide the method for converting hydrogen silsesquioxane resin or hydrolyzed or partially hydrolyzed R

CONSTITUTION: This converting method comprises a process (1) for coating a base with a silica precursor coating, a process (2) for exposing the coating to an atmosphere containing amine, and a process (3) for applying sufficient heat for the formation of the ceramic coating to the coating.

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